

Serial No. 09/781,562
Attorney's Docket No. 1874-4014US2
Reply to Paper No. 0104 mailed January 29, 2004
Appendix



Amendments to the Claims

List of Claims:

Claims 1-4 (Canceled)

Claim 5 (Currently Amended): A method of producing knitted netting, comprising:
supplying lateral polyolefin ribbons and longitudinal polyolefin ribbons to a knitting machine;
forming at least one modified lateral ribbon by passing said lateral ribbons over a curved surface, said modified lateral ribbons having an actual ribbon length that is at least 10% greater than a calculated ribbon length while knitting the lateral polyolefin ribbons with the longitudinal polyolefin ribbons to form a knitted netting having at least one modified lateral ribbon with reduced lateral shrinkage,
wherein said netting exhibits reduced lateral shrinkage relative to netting produced with an actual ribbon length equal to said calculated ribbon length upon elongation up to 100%.

Claim 6 (Previously Presented): The method according to claim 5, wherein the modified ribbon is formed by using a corrugated trick plate in the knitting machine.

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Claims 7-8 (Canceled)

Claim 9 (Previously Presented): The method according to claim 5, comprising forming modified lateral polyolefin ribbons along outside edges of said knitted netting.

Claim 10 (Previously Presented): The method according to claim 5, wherein all of said lateral polyolefin ribbons are formed to have an actual length that is at least 10% greater than said calculated ribbon length.

Claim 11 (Currently Amended): The method according to claim 5, wherein said at least one modified lateral ribbon is formed to have an actual length that is at least 10%-30% greater than said calculated ribbon length.

Claim 12 (Previously Presented): The method according to claim 10, wherein all of said lateral polyolefin ribbons are formed to have an actual length that is at least 30% greater than said calculated ribbon length.

Claim 13 (Currently Amended): A process of producing knitted netting exhibiting reduced lateral shrinkage, comprising:

feeding longitudinal and lateral polyolefin ribbons to a knitting machine, knitting said longitudinal polyolefin ribbons with at least one modified lateral polyolefin ribbon

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in a knitting machine by forming at least one modified lateral ribbon by passing said lateral ribbons over a curved surface, said modified lateral ribbons having an actual ribbon length that is at least 10% greater than a calculated ribbon length to form a knitted netting which upon elongation up to 100% exhibits reduced lateral shrinkage relative to knitted netting produced ~~without said at least one modified lateral ribbon with and actual ribbon length equal to said calculated ribbon length.~~

Claim 14 (Previously Presented): The process according to claim 13, comprising knitting said longitudinal polyolefin ribbons with a plurality of modified lateral polyolefin ribbons.

Claim 15 (Previously Presented): The process according to claim 13, wherein said lateral shrinkage is about 12% upon elongation of about 60%.

Claim 16 (Previously Presented): The process according to claim 14, wherein said lateral shrinkage is greater than 0 % lateral shrinkage and less than 10% upon elongation of between about 20% and about 50%.

Claim 17 (Previously Presented): The process according to claim 14, wherein said lateral shrinkage is between about 10% and about 20% upon elongation of between about 50% and about 70%.

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Claim 18 (Currently Amended): A process of producing knitted netting exhibiting reduced lateral shrinkage, comprising:

feeding longitudinal and lateral polyolefin ribbons to a knitting machine, knitting said longitudinal polyolefin ribbons with at least one modified lateral polyolefin ribbon in a knitting machine by forming at least one modified lateral ribbon by passing said lateral ribbons over a curved surface, said modified lateral ribbons having an actual ribbon length that is at least 10%-30% greater than a calculated ribbon length to form a knitted netting which exhibits reduced lateral shrinkage upon elongation up to 100% relative to knitted netting produced ~~without said at least one modified lateral ribbon with and actual ribbon length equal to said calculated ribbon length.~~

Claim 19 (Previously Presented): The process according to claim 18, comprising knitting with a plurality of said modified lateral polyolefin ribbons.

Claim 20 (Previously Presented): The process according to claim 19, wherein said lateral shrinkage is about 12% upon elongation of about 60%.

Claim 21 (Previously Presented): The process according to claim 19, wherein lateral shrinkage is greater than 0 % and less than 10% upon elongation of between about 20% and about 50%.

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Claim 22 (Previously Presented): The process according to claim 19, wherein said lateral shrinkage is between about 10 % and about 20 % upon elongation of between about 50 % and about 70 %.

Claim 23 (Currently Amended): A method of producing knitted netting, comprising:

knitting polyolefin ribbons with a trick plate having at least one outwardly curved surface element to form knitted netting having longitudinal polyolefin ribbons and lateral polyolefin ribbons, wherein at least one of said lateral polyolefin ribbon is modified to have an actual length which is at least 10% greater than a calculated ribbon length, to produce knitted netting which exhibits reduced lateral shrinkage upon elongation up to 100% relative to netting produced with an actual ribbon length equal to said calculated ribbon length.

Claim 24 (Previously Presented): The process according to claim 23, comprising knitting with a trick plate having a plurality of outwardly curved surface elements.

Claim 25 (Previously Presented): The process according to claim 23, wherein said lateral shrinkage is about 12% upon elongation of about 60%.

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Clam 26 (Currently Amended): The process according to claim 23, wherein
~~said plurality lateral shrinkage~~ is greater than 0 % and ~~lateral shrinkage~~ less than 10%
upon elongation of between about 20% and about 50%.

Clam 27 (Previously Presented): The process according to claim 23, wherein
said lateral shrinkage is between about 10 % and about 20% upon elongation of about
50% and about 70%.

Clam 28 (Previously Presented): The process according to Claim 23, wherein
said lateral shrinkage is between about 20% to about 30% upon elongation of between
about 50% and about 80%.

Clam 29 (Previously Presented): The process according to Claim 14, wherein
said lateral shrinkage is between about 20% to about 30% upon elongation of between
about 50% and about 80%.

Clam 30 (Previously Presented): The process according to Claim 19, wherein
said lateral shrinkage is between about 20% to about 30% upon elongation of between
about 50% and about 80%.

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Claim 31 (Currently Amended): The process according to Claim 14, wherein said lateral shrinkage is between 20% to about 20 % to about 50 % upon elongation of between about 80 % and 100 %.

Claim 32 (Previously Presented): The process according to Claim 19, wherein said lateral shrinkage is between about 20 % to about 50 % upon elongation of between about 80 % and about 100 %.

Claim 33 (Previously Presented): The process according to Claim 23, wherein said lateral shrinkage is between about 20 % to about 50 % upon elongation of between about 80 % and about 100%.